## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	hang\$3 (jewelry or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:27
L2	6	hang\$3 (jewelry or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:29
L3	6	hang\$3 (jewelry or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:30
L4	6	hang\$3 (jewelry or ornament or bead) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:31
L5	325	hang\$3 (jewelry or ornament or bead)	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:31
L6	214	personal (jewelry or ornament)	DERWENT	ADJ	ON	2010/09/27 09:32
L7	245	(jewelry or ornament) near5 spher\$	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:33
L8	99	(jewelry or ornament) near5 spher\$	DERWENT	ADJ	ON	2010/09/27 09:34
L9	64	(jewerly or ornament) near5 spher\$	DERWENT	ADJ	ON	2010/09/27 09:35
L10	35	18 not L9	DERWENT	ADJ	ON	2010/09/27 09:35
L11	270	hang\$3 (jewerly or ornament or bead)	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:38
L12	55	l5 not L11	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:38
L13	189	personal (jewlery or ornament)	DERWENT	ADJ	ON	2010/09/27 09:40
L14	25	l6 not L13	DERWENT	ADJ	ON	2010/09/27 09:40
L15	99	(jewelry or ornament) near5 spher\$	DERWENT	ADJ	ON	2010/09/27 09:42
L16	194	(jewerly or ornament) near5 spher\$	US-PGPUB; USPAT	ADJ	ON	2010/09/27 09:43
L17	99	l15 not L16	DERWENT	ADJ	ON	2010/09/27 09:43
L18	133	(jewelry or ornament) near5 spher\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:47
L19	108	(jewerly or ornament) near5 spher\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:47

L20	25	l18 not L19	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:47
L21	864	(jewelry or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:48
L22	400	(jewerly or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:49
L23	464	21 not L22	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:49
L24	185	123 and hole	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 09:50
L25	143	l21 and (through hole)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:01
L26	79	L22 and (through hole)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:01
L27	64	125 not L26	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:01
L28	864	(jewelry or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:02
L29	400	(jewerly or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:03
L30	464	128 not L29	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2010/09/27 10:03
L31	28528	jewelry or ornament or necklace	EPO; JPO; DERWENT	ADJ	OFF	2010/09/27 10:03
L32	28353	31 not L29	EPO; JPO; DERWENT	ADJ	OFF	2010/09/27 10:04
L33	1087	l32 and wire	EPO; JPO; DERWENT	ADJ	OFF	2010/09/27 10:04
L34	41	l33 and (sphere or bead)	EPO; JPO; DERWENT	ADJ	OFF	2010/09/27 10:05
L35	691	mikimoto.as.	EPO; JPO; DERWENT	OR	ON	2010/09/27 10:08
L36	4	L35 and (sphere or pear or jewelry)	EPO; JPO; DERWENT	OR	ON	2010/09/27 10:08
L37	570	175/73.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/27 10:11

L38	96	L37 and ("2" or "two") near3 (hole or aperture or cavity or cavit\$5 or hollow\$3 or tunnel\$3 or notch\$3)	US-PGPUB; USPAT	NEAR	ON	2010/09/27 10:11
S3	1	("20070084242").PN.	US-PGPUB; USPAT	OR	OFF	2009/04/29 13:41
S4	146	63/38.ccls.	US-PGPUB; USPAT	OR	ON	2009/04/29 15:04
S5	166	(jewerly or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:22
S6	1	personal (jewerly or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:24
S7	5	hang\$3 (jewerly or ornament) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:27
S8	5	hang\$3 (jewerly or ornament or bead) near5 spher\$4	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:28
S9	240	hang\$3 (jewerly or ornament or bead)	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:28
S10	46	63/30.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:34
S12	184	personal (jewlery or ornament)	DERWENT	ADJ	ON	2009/04/29 15:38
S14	183	(jewerly or ornament) near5 spher\$	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:42
S15	55	(jewerly or ornament) near5 spher\$	DERWENT	ADJ	ON	2009/04/29 15:48
S17	277	63/33,38.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:53
S18	55	S17 and spher\$4	US-PGPUB; USPAT	ADJ	ON	2009/04/29 15:54
S29	1	WO-2005039344-\$.did.	DERWENT	OR	ON	2009/04/29 17:10
S30	100	(jewerly or ornament) near5 spher\$3	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:20
S31	65	S30 and @py<"2006"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:20
S32	281	63/33,38.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/07/06 09:26
S33	31	S32 and (through hole)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:26
S34	20	S33 and @py<"2006"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 09:26

S35	360	(jewerly or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 11:28
S36	67	S35 and (through hole)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 11:29
S37	47	S36 and @py<"2006"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 11:30
S38	360	(jewerly or ornament) near5 (spher\$3 or bead \$)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 14:08
S39	105	S38 and wire	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 14:08
S40	67	S38 and (through hole)	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 14:09
S41	47	S40 and @py<"2006"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 14:09
S42	26	S41 and wire	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/07/06 14:09
S43	7114	"63"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2010/01/04 08:26
S44	82	S43 and drilling	US-PGPUB; USPAT	OR	OFF	2010/01/04 08:26
S45	177	S43 and drill\$3	US-PGPUB; USPAT	OR	OFF	2010/01/04 08:26
S46	105	S45 and @py<"2004"	US-PGPUB; USPAT	OR	OFF	2010/01/04 08:28
S47	23	S46 and (bead or sphere)	US-PGPUB; USPAT	OR	OFF	2010/01/04 08:28
S48	20734	jewerly or ornament or necklace	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 08:40
S49	471	S48 and (bead or sphere)	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 08:41
S50	219	S49 and @py<"2004"	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 08:41
S51	367002	S50 and hole or bore or drill\$3	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 08:42
S52	46	S50 and (hole or bore or drill\$3)	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 08:42
S53	2	jp-63085113-\$.did.	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 11:04
S59	2	"63085113"	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 11:13

S62	35	"085113"	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 11:15
S63	77769	endo.in.	EPO; JPO; DERWENT	ADJ	OFF	2010/01/04 11:15
S65	63	"63"/\$.ccls. and rivet	US-PGPUB; USPAT	OR	OFF	2010/04/28 16:52
S66	114	"63"/\$.ccls. and sphere	US-PGPUB; USPAT	OR	OFF	2010/04/28 16:53
S67	2	S66 and rivet	US-PGPUB; USPAT	OR	OFF	2010/04/28 16:53
S68	7151	"63"/\$.ccls.	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:12
S69	418	S68 and (sphere or bead)	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:12
S70	176	S69 and hole	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:13
S71	17	S70 and (conector or flange)	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:13
S72	5156	necklace	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:15
S73	283	S72 and sphere	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:15
S74	109	S73 and hole	US-PGPUB; USPAT	OR	OFF	2010/04/28 17:15
S75	20434	jewerly or ornament	EPO; JPO; DERWENT	OR	ON	2010/04/28 17:28
S76	427	S75 and (sphere or bead)	EPO; JPO; DERWENT	OR	ON	2010/04/28 17:28
S77	80	S76 and hole	EPO; JPO; DERWENT	OR	ON	2010/04/28 17:28
S78	1	("20070084242").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/28 17:49
S79	17	79/10.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/16 11:22
S80	570	175/73.ccls.	US-PGPUB; USPAT	OR	ON	2010/09/16 11:30
S81	3	S80 and vertix	US-PGPUB; USPAT	OR	ON	2010/09/16 11:30
S82	8	S80 and two holes	US-PGPUB; USPAT	ADJ	ON	2010/09/16 11:33
S83	1	S80 and vertex	US-PGPUB; USPAT	OR	ON	2010/09/16 12:30
S84	4	mikimoto.as.	US-PGPUB; USPAT	OR	ON	2010/09/16 12:38
S85	824	yoshiya.in.	US-PGPUB; USPAT	OR	ON	2010/09/16 12:46

S86	39	S85 and (bead or sphere)	US-PGPUB; USPAT	OR	ON	2010/09/16 12:47
S87	3	S85 and ornament	US-PGPUB; USPAT	OR	ON	2010/09/16 12:49
S88	689	mikimoto.as.	EPO; JPO; DERWENT	OR	ON	2010/09/21 15:11
S89	1	S88 and (sphere or pear or jewerly)	EPO; JPO; DERWENT	OR	ON	2010/09/21 15:13

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